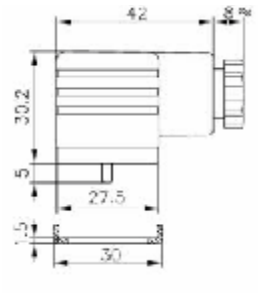
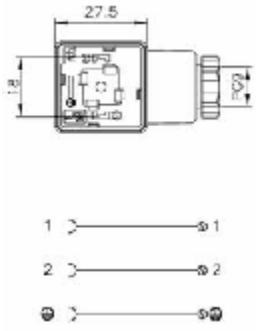
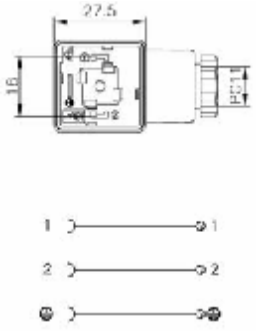




Form A - EN 175301-803 (DIN43650) / ISO 4400

Product description			
Standard	EN175301-803	EN175301-803	
Construction type	A	A	
Description	P18 connector with screw terminals NBR profile gasket (PE) earth position H12	P18 connector with screw terminals NBR profile gasket (PE) earth position H12	
Housing colour	black	black	
Number of contacts	2+PE	2+PE	
Order no.	**KA132000B9**	**KA132000B1**	
Other standard types	grey housing, order no. **KA132000A9**	grey housing, order no. **KA132000A1**	
Cable gland	PG9	PG11	
Conductor size	max. 1,5mm² without splice/terminal	max. 1,5mm² without splice/terminal	
Drawing			
Technical data			
Pin dimension	6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm	
Rated voltage	250 V AC/DC	250 V AC/DC	
Rated current IEC512-3 test 5b	10 A	10 A	
Contact resistance	≤ 5 mΩ	≤ 5 mΩ	
Overvoltage category	III	III	
Type of termination	screw M3	screw M3	
Contact screw torque	max. 0,5 N/m	max. 0,5 N/m	
Suitables cables	5 mm to 7 mm diameter	6 mm to 9 mm diameter	
Mounting	central screw M3x32,5	central screw M3x32,5	
Material			
Contact material	CuSn silver plated	CuSn silver plated	
Contact holder material	PA6 GF	PA6 GF	
Housing material	PA6 GF	PA6 GF	
Enviromental conditions			
Protection class (IEC60529)	IP 65 when correctly assembled	IP 65 when correctly assembled	
Pollution severity	3	3	
Temperature range	-40°C to + 100°C	-40°C to + 100°C	
	-40°C to + 125°C with silicon gasket	-40°C to + 125°C with silicon gasket	
Inflammability class			
Contact holder	HB - UL 94	HB - UL 94	
Housing	HB - UL 94	HB - UL 94	
Packaging			
Packaging unit / Weight approx.	500 pieces / 14,5Kg	500 pieces / 14,5Kg	
Box dimensions	80 x 30 x 22 cm	80 x 30 x 22 cm	
Other accessory options			
to be ordered separately see pages 179-180	NBR flat gasket 100 pcs in bag	NBR flat gasket 100 pcs in bag	
	Silicon profile gasket 100 pcs in bag	Silicon profile gasket 100 pcs in bag	
	Stainless steel screw 100 pcs in bag	Stainless steel screw 100 pcs in bag	